

Contents

Articles

- 1 Tyszkla, J.: Morphospace of foraminiferal shells: results from the moving reference model
- 13 Knoll, A.H., Walter, M.R., Narbonne, G.M. & Christie-Blick, N.: The Ediacaran Period: a new addition to the geologic time scale
- 31 Neil, J.V. & Bell, K.N.: Microreticulation in Cambrian Ostracoda and its relation to similar patterns in Tertiary and Recent Ostracoda
- 39 Rong, J.-Y. & Zhan, R.-B.: Surviving the end-Ordovician extinctions: evidence from the earliest Silurian brachiopods of northeastern Jiangxi and western Zhejiang provinces, East China
- 49 Somerville, I.D. & C  zar, P.: A new Mississippian problematicum from Ireland and Britain: comparison with the problematicum *Draffania*
- 57 Chirat, R. & Bucher, H.: Shell microstructure and morphogenesis of the ornamentation in *Cymatoceras* Hyatt, 1883, Cretaceous Nautilida. Systematic implications
- 65 Zuschin, M., Harzhauser, M. & Sauermoser, K.: Patchiness of local species richness and its implication for large-scale diversity patterns: an example from the middle Miocene of the Paratethys
- 79 Chen, Z.Q., Shi, G.R., Yang, F.Q., Gao, Y.Q., Tong, J. & Peng, Y.Q.: An ecologically mixed brachiopod fauna from Changhsingian deep-water basin of South China: consequence of end-Permian global warming
- 97 Ahlberg, P., M  nsson, K., Clarkson, E.N.K. & Taylor, C.M.: Faunal turnovers and trilobite morphologies in the upper Cambrian *Leptoplastus* Zone at Andr  rum, southern Sweden
- 111 Pittau, P., Cotza, F., Cristini, S., Del Rio, M. & Loi, M.: Palaeontologic and biogeochemical characterization of the *Cyrtograptus lundgreni* event in the black shales of eastern Mid-Sardinia, Italy
- 129 Kr  ger, B.: Early growth-stages and classification of orthocerid Cephalopods of the Darriwillian (Middle Ordovician) of Baltoscandia
- 141 Bae, B.-Y., Lee, D.-J. & Elias, R.J.: Life-history strategies of a species of *Catenipora* (Tabulata; Upper Ordovician; southern Manitoba, Canada)
- 157 Kessels, K., Mutterlose, J. & Michalzik, D.: Early Cretaceous (Valanginian - Hauterivian) calcareous nannofossils and isotopes of the northern hemisphere: proxies for the understanding of Cretaceous climate
- 173 Pervesler, P. & Hohenegger, J.: Orientation of crustacean burrows in the Bay of Panzano (Gulf of Trieste, Northern Adriatic Sea)
- 187 Xiaofeng, W., Hagdorn, H. & Chuanshang, W.: Pseudoplanktonic lifestyle of the Triassic crinoid *Traumatocrinus* from Southwest China
- 195 Kowalko, T.: Ecological implications of molluscan ontogenetic strategies - examples from aquatic ecosystems of the Cenozoic Iberian Peninsula
- 211 Zhan, R. & Harper, D.A.T.: Biotic diachroneity during the Ordovician Radiation: evidence from South China
- 227 Henderson, D.M.: Floating point: a computational study of buoyancy, equilibrium and gastroliths in plesiosaurs
- 245 La Perna, R.: Life habit and ontogeny of the unusual arcid bivalve *Ambrogia mytiloides* (Brocchi, 1814)
- 253 Fern  ndez-L  pez, S.R., Henriques, M.H. & Mangold, C.: Ammonite succession at the Bajocian/Bathonian boundary in the Cabo Mondego region (Portugal)
- 265 Bertling, M., Braddy, S.J., Bromley, R.G., Demathieu, G.R., Genise, J., Mikul  s R., Nielsen J.K., Nielsen K.S.S., Rindsberg, A.K., Schlirf, M. & Uchman, A.: Names for trace fossils: a uniform approach
- 289 Buchy, M.-C., Frey, E. & Salisbury, S.W.: The internal cranial anatomy of the Plesiosauria (Reptilia, Sauropterygia): evidence for a functional secondary palate
- 305 Bucefalo Palliani, R. & Buratti, N.: High diversity dinoflagellate cyst assemblages from the Late Triassic of southern England: new information on early dinoflagellate evolution and palaeogeography
- 313 Baumiller, T.K., Bitner, M.A. & Emig, C.C.: High frequency of drill holes in brachiopods from the Pliocene of Algeria and its ecological implications
- 321 Mitchell, S.E., James, S.A. & Brown, I.C.: A late Pleistocene progradational clastic shoreface succession in Jamaica: implications for the preservation potential of the echinoid *Leodia*
- 329 Tomescu, A.M.F., Rothwell, G.W. & Honegger, R.: Cyanobacterial macrophytes in an Early Silurian (Llandovery) continental biota: Passage Creek, lower Massanutten Sandstone, Virginia, USA
- 339 Luczyński, P.: Stromatoporoid shape and burial ratio changes during growth history and their methodological consequences in morphometrical analyses
- 359 Bruton, D.L. & H  yberget, M.: A reconstruction of *Telephina bicuspidis*, a pelagic trilobite from the Middle Ordovician of the Oslo Region, Norway
- 365 Landman, N.H., Polizzotto, K., Mapes, R.H. & Tanabe, K.: Cameral membranes in prolecanitid and goniatitid ammonoids from the Permian Arcturus Formation, Nevada, USA

Lethaia Seminars

- 91 Kues, B.S., Mapes, R.H. & Yochelson, E.L.: Nautiloid-scapopod homeomorphy in the late Palaeozoic of the United States
- 287 Bergstr  m S.M., Finney, S.C., Xu, C., Goldman D. & Leslie, S. A.: Three new Ordovician global stage names

Lethaia Nomenclature Notes

- 128 Monnet, C. & Bucher, H.: *Silberlingitoides*, new name for *Silberlingia* Monnet & Bucher, 2005 non Imlay, 1963
- 304 De Wever, P. & O'Dogherty, L.: *Ovumella*, a new name for the genus *Ovum* De Wever, 1982, non Schneider, 1801, non Blainville, 1830

Index of contributors

Ahlberg, P.	97	La Perna, R.	245
Bae, B.-Y.	141	Landman, N.H.	365
Baumiller, T.K.	313	Lee, D.-J.	141
Bell, K.N.	31	Leslie, S.A.	287
Bergström, S.M.	287	Loi, M.	111
Bertling, M.	265	Łuczyński, P.	339
Bitner, M.A.	313	Mangold, C.	253
Braddy, S.J.	265	Månsson, K.	97
Bromley, R.G.	265	Mapes, R.H.	91, 365
Brown, I.C.	321	Michalzik, D.	157
Bruton, D.L.	359	Mikuláš, R.	265
Bucher, H.	57, 128	Mitchell, S.F.	321
Buchy, M.-C.	289	Monnet, C.	128
Buratti, N.	305	Mutterlose, J.	157
Chen, Z.Q.	79	Narbonne, G.M.	13
Chirat, R.	57	Neil, J.V.	31
Christie-Blick, N.	13	Nielsen, J.K.	265
Chuanshang, W.	187	Nielsen, K.S.S.	265
Clarkson, E.N.K.	97	O'Dogherty, L.	304
Cotza, F.	111	Palliani, R.B.	305
Cózar, P.	49	Peng, Y.Q.	79
Cristini, S.	111	Pervesler, P.	173
De Wever, P.	304	Pittau, P.	111
Del Rio, M.	111	Polizzotto, K.	365
Demathieu, G.R.	265	Rindsberg, A.K.	265
Elias, R.J.	141	Rong, J.-Y.	39
Emig, C.C.	313	Rothwell, G.W.	329
Fernández-López, S.R.	253	Salisbury, S.W.	289
Finney, S.C.	287	Sauermoser, K.	65
Frey, E.	289	Schlirf, M.	265
Gao, Y.Q.	79	Shi, G.R.	79
Genise, J.	265	Somerville, I.D.	49
Goldman, D.	287	Tanabe, K.	365
Hagdorn, H.	187	Taylor, C.M.	97
Harper, D.A.T.	211	Tomescu, A.M.F.	329
Harzhauser, M.	65	Tong, J.	79
Henderson, D.M.	227	Tyszka, J.	1
Henriques, M.H.	253	Uchman, A.	265
Hohenegger, J.	173	Walter, M.R.	13
Honegger, R.	329	Xiaofeng, W.	187
Høyberget, M.	359	Xu, C.	287
James, S.A.	321	Yang, F.Q.	79
Kessels, K.	157	Yochelson, E.L.	91
Knoll, A.H.	13	Zhan, R.	211
Kowalke, T.	195	Zhan, R.-B.	39
Kröger, B.	129	Zuschin, M.	65
Kues, B.S.	91		

